

Stinger® MS+ DSL Access Concentrator



Combining intelligent IP and advanced ATM capabilities on every port, the mid-sized Stinger® MS+ platform can deliver a wide range of voice, video and data services over the existing copper infrastructure. This high-performance access concentrator offers the management features needed to accelerate service start up and cut costs, while supporting the expansion of high-value service offerings with the latest multimedia and video capabilities.

Features

- **Intelligent IP and advanced ATM switching** – Deliver the speed, high performance and reliability required for high-value services
- **Lucent Navis® iOperations Management System** – Speeds service start-up, reduces implementation costs and streamlines integration with any network
- **QoS capabilities** – Enable a broad range of premium services, backed by SLAs
- **Medium capacity and port density** – Support 288 subscribers per chassis, within a 4U (17.78cm) system
- **Intelligent IP services modules** – Increase efficiency and performance by providing intelligence at the network edge

Applications

- “Triple-Play” service packages for residential customers, including high-speed Internet, video and voice services—all over the copper loop
- Leading-edge video services, including broadcast TV, Pay-Per-View, streaming multimedia and video on demand
- Multi-Dwelling Units, Multi-Tenant Units, hospitality and other in-building installations

Benefits

- **Reduced Costs** – Extend your existing infrastructure cost-effectively today; then migrate to new capabilities with minimal capital investment
- **Competitive Edge** – Gain the power to offer today’s most advanced broadband services – including interactive video and broadcast TV
- **Seamless Integration** – Deploy the Stinger® MS+ in your network for multiple indoor applications
- **Enhanced Profitability** – Increase revenues by extending your complete spectrum of high-value broadband services to smaller markets

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Technical Specifications

Description

Specifications

1. Electrical Specifications

Power Requirements:	-48 VDC @ 770 Watts maximum
Inrush:	All modules have inrush limiting circuits
Power Connectors:	x2 M5 Studs per unit
Input Redundancy:	Optional input available
Hot Swappable:	Yes, both inputs can be Hot swapped

2. Physical Specifications

Height:	17.78 cm [7.0 in] [4U]
Width:	44.90 cm [17.7 in]
Depth:	39.00 cm [15.35 in]
Unit Weight:	30 kg [66 lbs] max – (Fully Configured)**
Rack Mount Options:	Forced Air Cooled Intake/ Exhaust Fits 19-in, 23-in and ETSI racks with the appropriate rack mounting ears not to block airflow Not to be blocked by more than 20%**

3. Card Slots

Front Access:	4 for line interface modules (LIMs) 1 for control module
Rear Access:	4 for line protection modules: (LPMs), path selector modules (PSMa), and/or Copper Loop Test (CLT) modules 1 for trunk module (TM)

4. Line Interface

50 – pin RJ-21X

5. Trunk Interface

OC-3c/STM-1 optical	Single mode (standard or long-reach options) Multimode
DS3/E3	electrical with pass through
OC-12/STM-4	
10/100 Ethernet	
Gigabit Ethernet	

6. Operating Environment

Ambient operating temperature	32° to 131°F (0° to 55°C)
Relative humidity	10% – 95% (non-condensing)
Operating altitude	Up to 4,000m (13,123 ft)

7. Regularity Compliance

Bellcore GR-63-CORE
Bellcore GR-1089-CORE
EN/IEC 60950 (CE)
EN 55022 Class A
EN 300386-2

8. Model Numbers

Stinger MS+Base unit with pre-installed:	
19" Rack Mount Kit	(STGRMSP19-UNIT-MODEL)
23" Rack Mount Kit	(STGRMSP23-UNIT-MODEL)
ETSI Rack Mount Kit	(STGRMSPETSI-UNIT-MODEL)

** Estimated

To learn more, contact your local Lucent Technologies Representative, Authorized Reseller, or Sales Agent.

Or, visit our Web site at www.lucent.com

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